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- AN** - 1979-35987B [19]
- TI** - Porous carbon particles prodn. - by granulating carbon black to spherical particles, impregnating with carbonisable binder, e.g. synthetic resin, tar, pitch etc. and heatin
- AB** - **J54041296** Method comprises granulating C black of particle size of **150-3000A** to a spherical form, impregnating the spherical material with carbonisable binder, and burning for carbonisation under inert atmos.
- The spherical forms are e.g. of size of **0.1-5 mm**. The carbonisable binders are e.g. phenol-formaldehyde resin, epoxy resin, urea resin, furan resin, xylene resin, polyurethane resin, polyacrylonitrile resin, polystyrene, tar pitch and synthetic rubbers, being dissolved in solvent e.g. ethanol or acetone to use for impregnating at a rate of **0.1-1** times that of carbon black. Heating is effected at **110-130** degrees C for **90-120 min.** for drying, and burning is effected at **500-1200** degrees C.
- The porous carbon particles show the particle size of **150-150,000A**, micropore vol. of **0.05-1.0 cc/g**, and mechanical strength to crushing of **0.6-5.0 kg/mm²**, and have good fluidity. They are useful as supports for catalysts, adsorbents for polymeric substances, etc.
- IW** - POROUS CARBON PARTICLE PRODUCE GRANULE CARBON BLACK
SPHERE PARTICLE IMPREGNATE CARBONISE BIND SYNTHETIC RESIN
TAR PITCH
- AW** - CATALYST SUPPORT ADSORB
- PN** - **JP54041296 A 19790402 DW197919 000pp**
- **JP61041842B B 19860918 DW198642 000pp**
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- DC** - **A81 E36 J01 J04**
- PA** - (MITU) MITSUBISHI CHEM IND LTD
- PR** - **JP19770107562 19770907**